#### Power Double Lock

TE Internal #: 179844-1

Rectangular Power Connectors, Header, Receptacle, Wire-to-Board, 2 Position, .312 in [7.92 mm] Centerline, Printed Circuit

Board, Power Double Lock

View on TE.com >



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > STD Temp Power Double Lock Header











Rectangular Power Connector Type: Header

Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Number of Positions: 2

Centerline (Pitch): 7.92 mm [ .312 in ]

All STD Temp Power Double Lock Header (22)

#### **Features**

#### **Product Type Features**

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	2
PCB Mount Orientation	Vertical
Number of Power Positions	2
Number of Cinnel Desitions	0
Number of Signal Positions	



#### **Electrical Characteristics**

Operating Voltage	300 VAC
Contact Features	
Contact Layout	Inline
Contact Current Rating (Max)	14 A
Contact Retention Within Housing	Without
Contact Type	Tab
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	1 μm[39.37 μin]
Contact Termination Area Plating Thickness	1 μm[39.37 μin]
Termination Features	
Termination Post & Tail Length	3.5 mm[.139 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Post
Connector Mounting Type	Board Mount
Mating Retention	With
Mating Retention Type	Latch
Housing Features	
Centerline (Pitch)	7.92 mm[.312 in]
Housing Color	Natural
Housing Material	Nylon 6/6 GF
Dimensions	
Wire Size	.128 – 1.308 mm²
Accepts Wire Insulation Diameter Range	3.1 mm
Width	9 mm
PCB Thickness (Recommended)	.06 mm[1.6 in]



Height	14.6 mm
Length	10.2 mm
Usage Conditions	
Operating Temperature Range	-30 - 105 °C[-22 - 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	C22.2 No. 182.3, E28476
Agency/Standard	CNR, UL
VDE Tested	Yes
Packaging Features	
Packaging Method	Box & Tray, Tray
Packaging Quantity	340
Other	
Position Locations Omitted	2

## **Product Compliance**

For Use With

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Plug

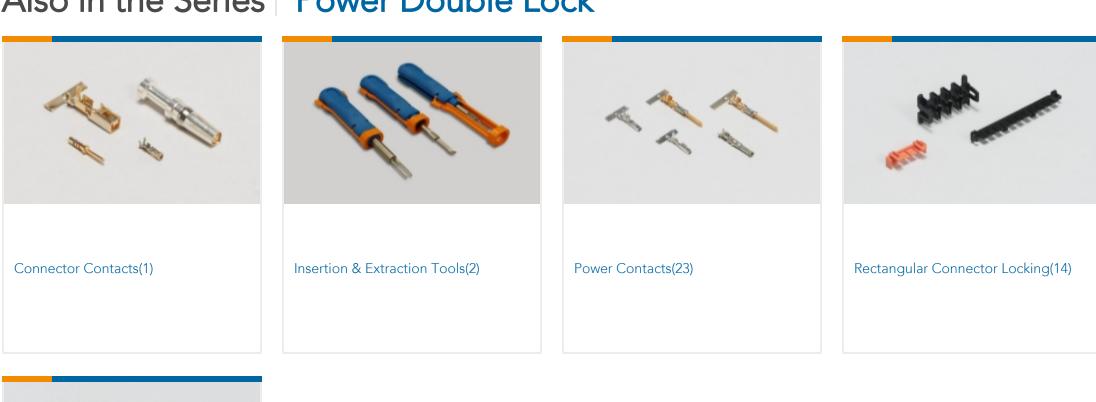


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

# Compatible Parts



# Also in the Series | Power Double Lock





# Customers Also Bought





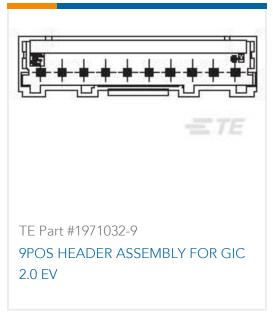


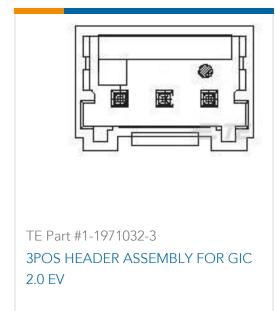












#### **Documents**

#### **Product Drawings**

AMP POWER D/LOCK T/HDR ASSY 2P

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_179844-1\_F.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_179844-1\_F.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_179844-1\_F.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

#### Datasheets & Catalog Pages

SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG

English

### **Product Specifications**

**Engineering Report** 

English

**Engineering Report** 

English

Rectangular Power Connectors, Header, Receptacle, Wire-to-Board, 2 Position, .312 in [7.92 mm] Centerline, Printed Circuit Board, Power Double Lock



## Product Environmental Compliance

MD\_179844-1\_08202018924\_dmtec

English

MD\_179844-1\_08202018924\_dmtec

English

## Agency Approvals

**UL Report** 

English

**UL Report** 

English